

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L53	17	((pulse\$1position near modulat\$3) or (pulse near position near modulat\$3)) with impulse) and ((orthogonal or cross\$1correlat\$3 or crosscorrelat\$3 or (cross adj correlat\$3)) with (pattern or layout or ruler or arrangment or array))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 16:50
L52	67	((pulse\$1position near modulat\$3) or (pulse near position near modulat\$3)) with impulse) and orthogonal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 16:48
L51	199	((pulse\$1position near modulat\$3) or (pulse near position near modulat\$3)) with impulse)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 16:41
L50	61	((pulse\$1position near modulat\$3) or (pulse near position near modulat\$3)) with orthogonal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 16:40
L48	138	((pulse\$1position near modulat\$3) or (pulse near position near modulat\$3)) same orthogonal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 16:17
L47	15	((pulse\$1position near modulat\$3) or (pulse near position near modulat\$3)) same cross\$1correlat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 16:07
L46	3	((pulse\$1position near modulat\$3) or (pulse near position near modulat\$3) with orthogonal) same cross\$1correlat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 16:06
L45	513	((pulse\$1position near modulat\$3) or (pulse near position near modulat\$3) with orthogonal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 16:05

## EAST Search History

L43	2322	(UWB or ultra\$1wide or ultrawide or superwideband or super\$1wide or PPM or (pulse\$1position near modulat\$3) or (pulse near position near modulat\$3) or (impulse near2 (communication or radio))).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 16:05
L44	10	(UWB or ultra\$1wide or ultrawide or superwideband or super\$1wide or PPM or (pulse\$1position near modulat\$3) or (pulse near position near modulat\$3) or (impulse near2 (communication or radio))).ti. and 37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:49
L32	336694	(UWB or ultra\$1wide or ultrawide or superwideband or super\$1wide or PPM or (pulse\$1position near modulat\$3) or (pulse near position near modulat\$3) or (impulse near2 (communication or radio)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:48
L39	1149946	(wavelet or wave\$1let or chip or impulse)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:47
L38	1686651	(wavelet or wave\$1let ot chip or impulse)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:47
L37	22168	((pattern or layout or rule or position or location or occupancy or array or placement or arrangement) near3 orthogonal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:46
L31	66651	((pattern or layout or rule or position or location or occupancy or array or placement or arrangement) with orthogonal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:46
L35	155	31 same 32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:40

## EAST Search History

L34	1300	31 and 32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:40
L33	3910	(375/247 375/242 375/239 375/130).cccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:40
L29	13	((pattern or layout or rule or position or location or occupancy or array or placement or arrangement) near3 orthogonal) with (impulse or wavelet or wave\$1let)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:39
L17	103	((ruler or layout or pattern) same (zero or "0") same (nonzero or non\$1zero or positive or negative)) and (UWB or ultra\$1wide or ultrawide or superwideband or super\$1wide or PPM or (pulse\$1position near modulat\$3)or (pulse near position near modulat\$3) or (impulse near2 (communication or radio))) and orthogonal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:39
L25	12	((pattern or layout or rule or position or location or occupancy or array or placement) near3 orthogonal) with (impulse or wavelet or wave\$1let)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:38
L26	129	((pattern or layout or rule or position or location or occupancy or array or placement) with orthogonal) with (impulse or wavelet or wave\$1let)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:35
L23	16	(impulse near2 amplitude) and (orthogonal with (ruler or layout or pattern))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:32

## EAST Search History

L21	6	9 and (orthogonal with (ruler or layout or pattern))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:32
L22	3	("20030210169"   "4628270"   "5121071").PN. OR ("7280615").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/29 15:31
L20	5	((ruler or layout or pattern) same (zero or "0") same (nonzero or non\$1zero or positive or negative)) and (UWB or ultra\$1wide or ultrawide or superwideband or super\$1wide or PPM or (pulse\$1position near modulat\$3) or (pulse near position near modulat\$3) or (impulse near2 (communication or radio))) and (orthogonal with (ruler or layout or pattern))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:29
L15	21	((ruler or layout or pattern) same (zero or "0") same (nonzero or non\$1zero or positive or negative)) and (UWB or ultra\$1wide or (impulse near2 (communication or radio))) and orthogonal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:19
L12	65	((ruler or layout or pattern) same (zero or "0") same (nonzero or non\$1zero or positive or negative)) and (UWB or ultra\$1wide or (impulse near2 (communication or radio)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:19
L13	594	((ruler or layout or pattern) same (zero or "0") same (nonzero or non\$1zero or positive or negative)) and (UWB or ultra\$1wide or ultrawide or PPM or (pulse\$1position near modulat\$3) or (pulse near position near modulat\$3) or (impulse near2 (communication or radio)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:18
L11	18	8 and 9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:15

## EAST Search History

L6	469	1 and (ruler or layout or pattern)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:08
L5	0	1 and ((ruler or layout or pattern) same inpulse)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:08
L1	2776	BRETHOUR near VERNON FULLERTON near LARRY PENDERGRASS near MARCUS RICHARDS near JAMES	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/29 15:07